

04/10/01

J-562 U.S. PTO

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Approved for use through 10/31/2002. OMB 0851-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. **BB1441 US NA**

First Inventor **JAMES K. PRESNAIL**

Title **ARTHROPOD DEFENSINS**

Express Mail Label No. **EL073740453US**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

PTO  
19 829481  
S. U. 565-561  
04/10/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2. ☐ **Applicant claims small entity status.**  
See 37 CFR 1.27.
3. ☒ **Specification** [Total Pages **32**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ **Drawing(s)** (35 U.S.C. 113) [Total Sheets **1**]
5. **Oath or Declaration** [Total Pages **0**]
  - a. ☐ **Newly executed (original or copy)**
  - b. ☐ **Copy from a prior application (37 CFR 1.63 (d))**  
(for a continuation/divisional with Box 17 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ **Application Data Sheet. See 37 CFR 1.76**

## ADDRESS TO

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
  8. **Nucleotide and/or Amino Acid Sequence Submission**  
(if applicable, all necessary)
    - a. ☒ **Computer Readable Form (CRF)**
    - b. **Specification Sequence Listing on:**
      - i. ☐ **CD-ROM or CD-R (2 copies); or**
      - ii. ☐ **paper - 4 PAGES**
    - c. ☒ **Statements verifying identity of above copies**
- ### ACCOMPANYING APPLICATIONS PARTS
9. ☐ **Assignment Papers (cover sheet & document(s))**
  10. ☐ **37 C.F.R. §3.73(b) Statement of Power of Attorney**  
(when there is an assignee)
  11. ☐ **English Translation Document (if applicable)**
  12. ☐ **Information Disclosure** ☐ **Copies of IDS**  
Statement (IDS)/PTO-1449 Citations
  13. ☐ **Preliminary Amendment**
  14. ☒ **Return Receipt Postcard (MPEP 503)**  
(Should be specifically itemized)
  15. ☐ **Certified Copy of Priority Document(s)**  
(if foreign priority is claimed)
  16. ☐ **Request and Certification under 35 U.S.C. 122**  
(b)(2)(I). Applicant must attach form PTO/SB/35 or its equivalent
  17. ☒ **Other: APPLICATION DATA SHEET**

17. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For **CONTINUATION** or **DIVISIONAL** APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ **Customer Number or Bar Code Label**

23906

or ☐ **Correspondence address below**

PATENT TRADEMARK OFFICE

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

THOMAS M. RIZZO

Registration No. (Attorney/Agent)

41,272

Signature

*Thomas M. Rizzo*

Date

April 10, 2001

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 728

## Complete if Known

Application Number UNKNOWN  
 Filing Date  
 First Named Inventor JAMES K. PRESNAI  
 Examiner Name UNKNOWN  
 Group / Art Unit UNKNOWN  
 Attorney Docket No. BB1441 US NA

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 04-1928

Deposit Account Name E. I. du Pont de Nemours and Company

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

1. BASIC FILING FEE					
Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	208	160	Design filing fee	
107	480	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$ 710)

## 2. EXTRA CLAIM FEES

Total Claims	Entity	Small	Entity	Extra Claims	Fee from below	Fee Paid
21	-20	=	1	X	18	
Independent Claims	2	-3	=	0	X	80
Multiple Dependent				X	270	

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 18)

\*for number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 5.1.129(a))	
148	710	248	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Reissue for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

## SUBMITTED BY

Name (Print/Type) THOMAS M. RIZZO Registration No. Attorney/Agent 41,272 Telephone 302-892-7760  
 Signature *Thomas M. Rizzo* Date *April 9, 2001*

## Complete (if applicable)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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